

GENERAL.

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New Heddon Hive with One Part Brood Chamber.

YOU will perhaps like to know how the new Heddon Hive works when the brood chamber is made in one piece. Said brood chamber being of the same dimensions as an eight frame Langstroth hive, or, it is a Heddon Langstroth fitted with Heddon's closed end frames made $9\frac{1}{2}$ inches deep so as to suit. The closed end frames work fine in the cases and one set of screws is more than sufficient to hold the frames up when the hive is inverted, even when the eight frames are filled with honey.

The hive as above made is, I think, a little ahead of the divisible brood chamber; and I tell you it is a long way ahead of the hanging frame hives. The frames can be handled much easier and with less danger of killing bees. With such a hive the frames can be inverted singly or by the case. It pays to have them invertible, even if they are never inverted but once for the purpose of having the combs solidly built and completely fill the frames. The above is the condition of all the combs in my apiary this fall. It would do you good to see them.

The handiness of this hive when moving bees to and from "out apiaries" or to and from the cellar or bee house can not be over estimated. You can handle them like a block of wood, and this too without disturbing the bees in the least.

Respectfully yours,

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Honey-Bees of America, Etc.

W. F. TAYLOR.

BEE-KEEPERS of the western continent are now pressing largely after the yellow race. In scanning the advertisements of the American Bee Journal and Gleanings, we discover the fact that comparatively few are breeding bees from imported stock. Bees reared in Italy are good honey-gatherers; but cannot the same be said of some of the bees of America?

The truth is that climatic influences in Italy give an abundant honey-flow, which is necessary to produce good active honey gatherers. In this country the honey-flow lasts but a short time, and many queen-bees are produced when the bees are gathering no honey at all; and

under these unfavorable surroundings, how can we expect to produce a good honey-bee?

To get our bees to equal the bees of Italy, it is only necessary to stimulate strongly by feeding while the bees are rearing queens. I feed my bees plenty of extracted-honey while they are feeding the larval queens, until the cells of each colony are capped, and by thus stimulating, I get the same results as Italy gives.

I have just hand-picked the drones of a half dozen colonies—of course, these colonies are kept queenless so that they will not destroy their drones.

It is not the color—yellow, brown or black—that gives the honey-bee, but that which has been reared under the stimulating impulse. If we can add the golden hue, we are that much ahead of Italy, and unless the breeders of bees and queens in Italy procure some of the yellow stock to breed from, they will soon be left behind in the chase. What I have said regarding the honey-gathering qualities, applies equally to gentleness.

One of the largest dealers in queens and bees in America buys queens from different quarters, has them piled up on his table ready to ship at a moment's notice; any queen-breeder could do the same, if he cared nothing for beauty and quality of bees. I would not purchase queens from any man, if I knew he did not rear his own queens, or warrant them to be as good.

QUEENS MATING LATE.

Owing to the cool weather, virgin queens have been slow to find partners this season. Two of my queens mated 31 days after they came from their respective cells. They were reared early in April, and met admirers May 11. I had reared a few nice drones, and thought I would get something handsome, but what was my surprise to find that these queens would not come out of their hives until so late in the season. These queens are very prolific, and, I believe, are larger than queens that mate early.

To induce drones to fly thickly about the time queens come out to mate, drop a spoonful of honey at the entrance of the hive—not at the hive from which the queen emerges, but at the hive from which you wish the drones to fly.

CLOSED-END FRAMES.

A few years ago I tried a hive with closed-end frames, and abandoned it; but since the matter was discussed in Gleanings last Winter, I made one hive with such frames, making everything true to $1/32$ of an inch. As long as there were but a very few bees in the hive, these frames worked pretty well; but oh! me; to handle them now. After the frames are all in the hive